

REV UP YOUR ATARI



Get more mileage out of your ST. Choose Alpha Systems. Ultra performance — now and to grow on.



Digisound ST

© 1987



PROFESSIONAL

Digisound Professional is a professional quality sound digitizer system, at a price anyone can afford. This powerful hardware and software package lets you sample real sounds and play them on any Atari ST.

Digisound Professional's advanced software gives you complete control of your sound. You can record anywhere from 5K to 40K samples per second. A unique software feature turns your Atari ST into an oscilloscope, and lets you view the sound wave as it plays.

You can use special effects like reverse, squeeze, stretch, looping, pitch manipulation, and fade in/out on all or part of any sound. The echo feature lets you create your own echo effect; a metallic robot, a rich reverb, a clear distinct repeat, or anything in between. The Real Time mode lets you test different sound effects without altering the sound wave in memory. You can mix and merge sound sections or files, apply envelope effects, delete sections of sound, add white noise or silence, or Undo any of these commands.

The **Digisound** software even turns your Atari ST into a musical instrument. Play your digitized sound on your Atari keyboard, or on any MIDI compatible keyboard.

It's easy to use **Digisound** sounds in your own Atari BASIC, GFA BASIC, or C program. All the routines you'll need are provided on the disk.

The **Digisound Professional** hardware plugs directly into the cartridge port on your ST. The two input jacks, with separate gain controls, give you internal real time mixing. You can record from a powered source, such as a tape recorder, and an unpowered source, like a microphone, at the same time. Record yourself singing along with your favorite band!

You can play the sound out through the monitor speaker, or through an external amplifier. The output jack, with its own gain control, lets you hook any amplifier to your ST. Just plug your amplifier, loudspeaker, or PA system into the output jack on the **Digisound Professional** hardware.

Digisound Professional even has a unique logarithmic sampling feature (external playback only) that gives you sound quality far above that of other sound digitizers.

DIGISOUND PROFESSIONAL

\$149.95

Digisound

Digisound ST gives you the same powerful software as **Professional**. Record at rates from 5K to 40K per second. Reverse, stretch, and squeeze sounds. Add looping, envelopes, white noise, silence, and fade in/out. Use pitch manipulation, or use the special echo feature to

create your own echo effect — robotic, reverb, clear and distinct — or anything in between. Add effects in real time, without altering the sound wave, or reverse them with the Undo command.

Turn your Atari ST into a musical instrument. Play your sounds on your Atari ST keyboard, or on any MIDI compatible keyboard.

Use your Digitized sounds in your own Atari BASIC, GFA BASIC, or C programs. Mix and merge your digitized files to create unique new sound combinations.

The **Digisound** hardware is designed for easy use, so even a beginner can create spectacular sound effects. The hardware plugs directly into the cartridge port. It has a single input jack, so you can record from tape recorders, CD players, stereos, TVs, VCRs, powered microphones, amplifiers, etc.

The sound plays out directly through your monitor speaker, so **Digisound** is ideal for programmers. **Digisound ST** was used to create the sounds in *Chessmaster 2000*, and other commercial programs.

DIGISOUND

\$89.95

Amateurs and professionals turn any inexpensive MIDI keyboard into a full-featured digital sampling synthesizer and four-track recording studio! You'll be jamming in no time with complete record and playback capability.

Jam Master requires a cartridge-based sound digitizer for output, such as *Digsound Professional*, and any MIDI compatible keyboard. Create your own sounds with any ST digitizer. Or experiment with 50 prerecorded sounds, from drums to violins.

Jam Master is packed with powerful features like full keyboard mapping. Assign your keyboard to as many as **32 different sounds** and any number of octaves. Play chords up to four keys at a time. Even blend four completely different sounds.

Advanced recording studio feature records music as you play. Record two, three, up to four tracks, and play back together. You'll be a one man band! Complete **Beat Box** drum patterns (play out of up to four different sounds at once) can be added as a single voice, and played along with three more sound tracks! Adds a full drum accompaniment to your recordings.

This first-of-its-kind program actually lets your ST play back in real time. Record an expert pianist, play back, and watch your keys go to work as your ST transforms into a player piano. It's fun and fascinating!

A real-time, fine-tune feature allows total pitch control. Lets you tune up with the band. 40K sampling rate capability offers superior quality (the faster the sampling speed, the higher the sound quality.)

TECHNICAL SPECIFICATIONS

- Plays four-voice polyphonic digital sound
- Incorporates *Beat Box* drum tracks as one sound
- Supports sampling rates up to 40K
- Supports looping and decay
- Keyboard mapping up to 32 different samples
- Built-in four track sequencer
- Unlimited note range changes
- Frequency fine-tuning
- Compatible with all ST computers
- Requires: cartridge-based digitizer for output and any MIDI compatible keyboard

**Special
Introductory
Price
\$49.95**

Beat Box

You and **Beat Box** will make awesome rhythms together from waltz to rock, rap to jazz, whatever your preference, **no musical knowledge required!**

This polyphonic drum machine software comes with over 35 prerecorded digitized sounds including drumbeat, cymbals, human voices, computer voices, synthesizers, bass guitar, and more.

Create your own drum and musical patterns in **four voices** (They said it couldn't be done!) Combine and arrange up to 30 different patterns to create an entire rhythmic composition! An ideal accompaniment for musicians. **Beat Box** provides you with your own custom drummer for the price of a metronome!

Beat Box contains a public domain player program so you can share your musical masterpieces with friends. No need for special equipment. Sound is played through monitor, amplifier, or stereo. Also compatible with all ST sound digitizer cartridges, including *Digsound Professional*.

\$29.95

DIGITAL MUSIC PRO SYSTEM

Complete package for capturing, manipulating and performing with digital sounds and music. Includes *Jam Master*, *Digsound Professional* and *Beat Box*. (Requires a MIDI keyboard.)

\$199.95



PowerPrint



BLOW YOURSELF UP

\$39⁹⁵

Imagine yourself on a 6' poster. Create a business graph that covers a wall. Quality output for posters, T-shirts, newsletters, and more.

Whether it's a photo digitized with ComputerEyes, a masterpiece created with Degas, or the winning screen from your favorite game, POWERPRINT can print it all with unequalled clarity and resolution.

POWERPRINT supports all ST resolutions. It prints in multiple sizes, up to **Giant Wall Sized Posters**. Print in 16 shades for incredible detail. Print whole screen, or **ZOOM** in on just the part you want. POWERPRINT offers unique special effects, including **Rotate**, **Mirror**, and **Inverse** options. POWERPRINT's unique **Selective Shading** option allows you to print multi-color pictures on any printer by printing one color at a time (color ribbons required).

POWERPRINT lets you capture and display almost any ST screen, with all of POWERPRINT's exciting features.

POWERPRINT works with Star, NEC, Cih, Epson, XMM804, and compatible printers.

Get BOTH Powerprint and
Color ComputerEyes and SAVE \$20

COLOR COMPUTEREYES™ Color Video Digitizing System



COLOR COMPUTEREYES is the first and only color digitizer for the ST. No black and white system can produce such high quality, digitized images, in **Full Color** and **Black and White** in up to 16 shades.

- Captures images from video cameras, VCRs, or Video Disks.
- Images **FILL THE WHOLE SCREEN** in **ALL ST Resolutions** for incredible results.
- Automatically calibrates Brightness, Contrast, and Color Balance or adjust them yourself after the image has been captured.
- Easy to set up and use. The hardware plugs right into the cartridge port.
- Use the pictures with POWERPRINT, Degas, Neochrome, and other graphics, drawing and DTP programs.
- Completely compatible with DIGISPEC (below). Use DIGISPEC and COLOR COMPUTEREYES to create images in 512 colors.
- The highest quality digitizer available. No other system can beat its features.

COLOR COMPUTEREYES™ \$199⁹⁵



DIGISPEC

Display your Color ComputerEyes
pictures in a rainbow of 512Colors

DIGISPEC is an exciting new breakthrough in computer video digitizing. DIGISPEC works with your Color ComputerEyes to create **spectacular 512 color** video images. Now you can capture and display video pictures in unsurpassed detail and clarity, with 512 different colors on your ST screen.

DIGISPEC is easy to use. It works on any ST computer. Simply capture an image with your Color ComputerEyes and color video camera (or VCR, video disk, etc.). Then run DIGISPEC, and watch as your picture appears in a full rainbow of 512 true colors.

DIGISPEC includes a special shading feature to give you even more detail and color. The shading feature uses a technique called dithering, which creates and displays images in 3,375 or even 24,389 simulated colors.

DIGISPEC creates detailed, low resolution video images on any Atari ST, color video camera (or VCR), and Color ComputerEyes. Every Color ComputerEyes needs DIGISPEC!

\$39.95

BACKTRAK

Unleash the Power of Your Double-Sided Disk Drive!

New **Back Trak** software gives ST users more – for less!

Double sided drives are now standard equipment on all ST computers, but software companies continue to churn out programs on single-sided disks. For those of you with double-sided disk drives, it means wasting 50% of your disk's capacity! With blank disks costing up to \$5 each, you waste dollars every time you buy a disk or make a back-up. **Back Trak** puts this wasted disk space to work for you.

Back Trak allows access to the backside of single-sided disks, **doubling your storage capacity**. Use newfound space for files, saved games, even boot (self-loading) programs. **Back Trak** lets you boot off the front or backside of a disk. Also, **Back Trak** allows booting from drive B, which proves invaluable if your internal drive ever breaks down.

Fully compatible with copy programs like *ST Copy*, *Copy II*, and *ProCopy*, **Back Trak** even lets you put protected programs on the backside of your disk. For example, save games on the backside of *Dungeon Master* - then switch back and forth instantly without swapping disks. Or, save a two disk set on a single disk.

Every time you use **Back Trak** you save time and money. And, you'll see less wear and tear on your drive heads as you utilize your double-sided drive's full potential.

Back Trak is pure software. There are no special connectors to fool with or cables to cut.

\$29.95

Pro Video System

The complete video digitizing package for your Atari ST. This special offer includes Color ComputerEyes, Poerprint II, and Digispec. Get everything you need... and save money, too!

\$249.95



SWITCH BACK

Requires 1 Meg of RAM

Or a Megadisk or a Polydisk

- Imagine saving almost any game at any point, then being able to return there as many times as you like.
- Imagine the Ultimate Back-Up Utility, that actually UNPROTECTS programs as it copies them. Lets

unprotected programs be stored as files, run from a hard disk, or even transmitted over a modem.

- Imagine saving three or more protected single sided disks on just one double sided disk.
- Imagine instantly switching back and forth between two different programs, games, utilities, or business applications.

**Now stop Imagining and get Switch/Back.
It can do all this and more.**

Switch/Back is a revolutionary new hardware and software package that lets you get more from your ST, MUCH MORE.

GAMES — Switch/Backs gaming features lets you instantly save most games, then continue playing. If you get into trouble, you can switch back to where you were as many times as you like.

BACK-UPS — Switch/Back can work with your favorite back-up program and allow you to save whole protected disks to files for archival purposes. It can also automatically unprotect a program and save it as a standard file. This method works on hundreds of ST programs, and it allows you to run the files directly. It's perfect for running protected programs off a hard disk. It creates standard TOS files, that can be stored together on disks or transferred by modem.

SWAP — Switch/Back lets you load just about any two or more programs into your ST and switch instantly between them. It works with games, business programs, utilities, compilers, etc. Although only one program is running at a time, the other is available instantly, right where you left off.

The Switch/Back hardware plugs into your printer port for easy use (it has a pass through connection for your printer, too).

SWITCH/BACK Only
\$69.95

Switch/Back requires at least 1 meg
of memory (Or a Megadisk or a Polydisk)

ST PROTECTION TECHNIQUES

Book & Disk Package

Finally, ST copy protection techniques are revealed. This complete book and disk package details the state of the art in ST software protection methods, and much, much more.

The software that comes with the book provides you with many powerful features, including the AUTOMATIC PROGRAM PRO-

TECTOR. This unique, easy to use utility lets you protect just about any ST program. You can choose a combination of protection methods, like encryption, password protection, and checking custom disk formats. It even has a special Limited Use option, that makes the program self-destruct after running a present number of times.

The book covers topics such as Phreaking, Logic Bombs, Hardware Data Keys, Custom Disk Formats, Software and Copyright Law, and the Law and Piracy. In addition, it contains reviews of the popular ST back up programs, and detailed explanations of ST disks and drives.



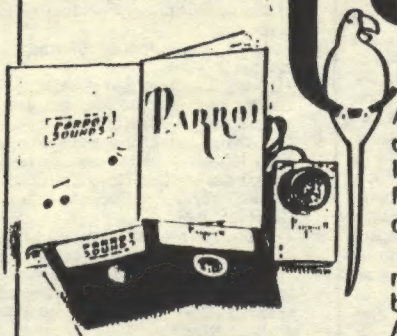
Book & Disk

\$39.95

SOUND DIGITIZER FOR 8-BIT ATARIS

PARROT II

ALL
NEW



ALL NEW
HARDWARE & SOFTWARE

An ALL NEW PARROT sound digitizer for your Atari. PARROT II is a sophisticated new hardware device that plugs into your joystick port. PARROT II has two input jacks, one for a microphone, one for a powered source such as a tape player, radio, or compact disk.

The powerful PARROT II software lets you record sounds into your computer, and play them back on any 8-bit Atari. PARROT II also turns your Atari's keyboard into a digital synthesizer, with nine different sounds in over three octaves each! The sounds can be anything . . . if you can hear it, you

can record it and use it. A dog's bark, a piano, a complete drum set, a symphony or orchestra, or your own voice.

PARROT II lets you modify the sound on a graphics display to create brand new sounds and special effects. Best of all, the sounds and voices can be put into your own programs, that can be used on any standard Atari.

Explore the world of digital sound and music.

PARROT II Hardware & Software \$59.95

PARROT DEMO

A disk that shows you just what PARROT II can do! Sounds, effects, songs, games, etc. Does not require Parrot to run. Special Autoplayer plays songs for you. You pick the song, you pick the sound, no playing skill required! Great addition to your library whether you're a Parrot owner or not.

\$5.00

PRE-RECORDED SOUNDS

A disk packed full of sounds, songs, and special effects to use with your PARROT or PARROT II sound digitizer.

\$4.95

POP-N-ROCKER

USE IT WITH YOUR PARROT OR PARROT II
— OR ALL BY ITSELF —

\$24.95

Pop-N-Rocker is a fast packed multi-player trivia game that mixes questions with REAL songs (digitized with PARROT). Be the first to identify the songs, and answer the music trivia questions. POP-N-ROCKER comes with three data disks and lets you add new questions so it will never get old. You can use a Parrot Sound Digitizer to add new songs, too! Use any kind of music, from rock to classical to nursery rhymes.

A new concept in entertainment and an excellent add-on for Parrot.

Atari Software Protection Techniques Book and Disk Set Volume I \$24.95

A "MUST READ" FOR
ANY ATARI OWNER



Atari Software Protection Techniques

Vol. I is a comprehensive guide to the methods of copying and protecting disks, cartridges and cassettes. It explains the techniques used by advanced software pirates and discusses methods to protect software from them.

This book teaches you what Bad and Misassigned sectors are, how they are used, and how they are created. It includes detailed information on ROM and EPROM cartridges, and explains how they can be copied and protected.

It contains complete instructions for protecting BASIC programs, including disassembling the BREAK and SYSTEM RESET keys, stopping SAVES and LISTS and DOS copies. It shows you, step-by-step, how to hide directories and VTOCs.

Volume I thoroughly discusses the procedures for hand breaking code, and how these methods are thwarted. It explains what hardware data keys are, how they work, and how they can be made and duplicated.

This book also covers the legal aspects of piracy and protection. It includes discussions of topics like Self Destructing Code and FreeWare, and Psychological techniques to prevent piracy.

Atari Software Protection Techniques Vol. I comes with a companion disk which enables you to use these protection methods quickly and easily. This special disk contains a Directory Mover, a Bad Sector Writer, a Misassigned Sector Finder, and much more. You no longer need to waste valuable programming time creating and debugging protection for your software. Just pop in the disk and you're on your way.

Together these books offer a complete guide to state-of-the-art in software copying and protection methods. They include the very latest methods used by companies like Synapse and Electronic Arts. Their respective disks contain everything you need to protect your programs from prying eyes and greedy hands of others. Both are written with easily understood explanations and examples by George Morrison — a noted authority on software protection. They tell you everything you wanted to know about piracy and protection techniques, but were afraid to ask.

**SPECIAL LIMITED
TIME OFFER
BOTH SETS FOR ONLY \$39.95**

Advanced Atari Protection Techniques Book and Disk Set Volume II \$24.95



Learn the Latest Software Copy
and Protection Techniques

- Short Sectoring
- Overfilled Tracks
- Unstable Sectoring (Phantom or Fuzzy Sectoring)
- Logic Bombs, Program Worms, Trojan Horse Programs
- Hacking, Cracking and Phreaking — including on-line protection and the construction of your own black box.
- Detailed explanations and Recommendations regarding all the popular back up tools, including the Happy Enhancement, The Impossible, The 1050 Duplicator, The CHIP, and more.
- The latest news about Piracy and Cracking, includes the facts about FBI sting operations on BBS systems, the new computer crime bill, the latest exploits of systems hackers, and the recent crack-down on piracy.
- The Future Direction of Protection — the ADAPSO hardware key standard, bank select cartridges, 130XE potentials.

Protect Yourself

Lend your software with confidence that it can't be copied or altered.

Advanced Software Copy Protection

That's Simple to Use

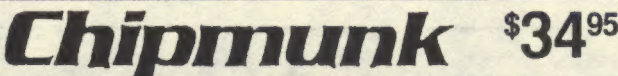
- **PASSWORD** — Make programs or files accessible only with a password you select.
- **ENCRYPTION** — Data encoding allows a program to run normally, while it's virtually impossible to change. Protect your title, copyrights, etc. so that no one can find or change them. Uses advanced 64 bit keys.
- **PROTECTION CHECKING** — Have a program automatically check for bad sectors, CRC errors duplicate, or even unstable sectors.
- **SELF DESTRUCTION** — Allow a program to run only the number of times you select. After that, it self-destructs and displays your private message.
- **DIRECTORY HIDING** — Files and programs run normally, but the directory looks like that of a blank disk.

These techniques and many more can be at your command using our simple menu driven software. It's all automatic, you just select the combination of methods you want and your binary load (or data) files are safe from copying, misuse, or alterations. No programming skill needed.

More than just software, this package features a large, spiral bound book, over 150 pages, detailing the working of Advanced software protection and much more.

More Than Just Software

This super package is not just another software program! It comes with a comprehensive spiral bound book, over 150 pages long, with complete information about every aspect of software protection. It tells you exactly, step-by-step, how protection schemes work and how they're created. It includes detailed discussions of software laws and electronic bulletin board systems, as well as honest reviews of popular commercial back-up systems.



CHIPMUNK backs up hundreds of programs, even heavily protected programs. Just check the list. Order **CHIPMUNK** today, and you'll never need to worry about accidentally erasing or damaging your irreplaceable originals again.

[illegible]

BASIC

TURBOCHARGER

BOOK and DISK SET \$24.95

Machine Language Routines for Atari BASIC Programmers

TURBOCHARGE your BASIC programs! Anyone, even beginning BASIC programmers, can put the speed, power, and flexibility of machine language into a BASIC program. This unique book and disk package has **over 160 ready to run machine language routines** that can easily be called from any BASIC program. These routines were written, tested, and used by some of the best professional programmers. Just a few of the many topics covered are:

Number Sorting & Searching
Graphics, Text & Special Effects
Number Systems Conversions
Filling & Clearing Memory

Moving Memory
String Searches
Timing Routines
Disk I/O

Player Missiles
Picture Scrolling
Bit Manipulations
Joystick Routines

Picture Printing Routines
Picture Load & Saves
DLI Routines
Many More

Each routine is included in a working BASIC demonstration program, LISTed and completely explained in the book, and included on the accompanying disk. They're all ready to use — no typing required! All the work has been done for you. There's no license fees, so you can use these routines in your own commercial programs.

Don't wait — Turbocharge your BASIC programs today!!

Experienced Assembly Language Programmers — Source code for all routines (2 disks)

• \$10.00 when ordered with BASIC TURBOCHARGER • \$15.00 when ordered separately •

ALL JUST \$99.95

HACK PACK

SAVE MONEY with this special package deal. **HACK PACK** contains all our finest products for making Back-Ups, Analyzing, and Understanding and protecting your Atari programs. Includes: Atari Software Protection Techniques Vol I (book & disk), Advanced Atari Protection Techniques Vol II (book & disk), Chipmunk, Scanalyzer, Impersonator, (book, disk, & hardware), and Disk Pack 1000. Together, they're worth over \$150.

HACK PACK for your 8-bit Atari



CHEAT

CHEAT for your 8-bit Atari

\$24.95

CHEAT Works On These Programs

ADRA CADABRA
AIR STRIKE
ALP MAN
ANDROMEDA
ARENA
ATOM SMASHER
BC'S QUEST
BLUE THUNDER
BOULEG 1
BOULDERDASH
1 & 2
BUCK ROGERS
BURTS BREW BIZ
CAVERNS
OF MARS
CPT. BEEBLE
CPT. COSMO
CPT. STICKY GOLD

CASTLE HASSLE
CHAMBERS ZORP
CHICKEN
CHOWPER
CHUCKIE EGG
CIMEX REX
CITADEL WARRIOR
CROSSFIRE
CYCLOD
DA FUZZ
DESMOND'S DUNGEON HENRI
DIAMONDS
DIANE'S GAME
DIG DUG
DINKY DO
ELIMINATOR
ESPIAL
FIREFLEET

FLYING ACE
FORTUNE HUNTER
FROGGER II
FROGGIE
GALACTIC CHASE
GATEWAY AFSAH
GHOST CHASER
GHOST ENCOUNTER
HAUNTED HILL
HAZARD RUN
HOT LIPS
ION ROADWAY
JAMES BOND
JETBOOT JACK
JUMPING JIM
JUMPMAN
JUNGLE BOY

KARATEKA
KAYOS
KISSIN KOUSINS
KRAZY SCOTTER
L.A. SWAT
LASER ANTS
LAST VO
LIVEWIRE
LUNAR LEEPER
MEGAMANIA
METEOR STORM
MR. COOL
MR. DO'S CASTLE
MONTEZUMAS RV
MOON PATROL AH
MYRIAPEDE
NEPTUNE DGHTR
OILS WELL

OLLIE FOLLIES
OZZE'S ORCHARD
PARALAX
PHOBOS
PIE MAN
PINHEAD
PITFALL
POGO JOE
POGOMAN
POLAR EXPLORER
PROTECTOR II
RAID GRAVITATION
REPOTIN
RESCUE MSSN P2
RETURN JEDI
RIVER RESCUE
ROBIN HOOD
ROTO

RUSH HOUR
RUM RUNNER
SATAN'S HOLLOW
SCOOTER
SCROLLS ABANDON
SEA CHASE
SHAMUS II
SLIME
SHAKE BYTE
SNAPPER
SNEAKERS
SPECIAL DELIVERY
SPIDER INVASION
SPY STRIKES BACK
STARGUARD COURIER
STAR CRYSTALS
SURVIVOR
THRAX LAIR

THRESHOLD
THRUST
THUNDERBOMBS
TOPFER
TURMOIL
TWERPS
UP 'N DOWN
VENUS VOYAGER 2
WAR COPTER
WHOMP STOMPER
YARGOS
ZEPPLIN

Get more from your games with CHEAT. Tired of spending days trying to beat a game? Tired of getting stuck just when you need another life? CHEAT is an innovative new product that gives you the chance you need to beat your games. CHEAT works with hundreds of Atari games to give you unlimited lives or power. Just check the list below. End the frustration and get hours more enjoyment from your games.

THE Scanalyzer

Special feature for 130XE
single pass sector copier — No
more disk swapping!

Scans and analyzes all Atari programs. Works on programs stored on disk or cartridge, or loaded into memory. Converts complex machine language into readable Assembly language. Transforms any Atari BASIC program into listable, modifiable, BASIC. Changes a 4K, 8K, or 16K cartridge into a binary load file that you can view and change. Clearly shows protection techniques such as Bad or Duplicate Sectors, Bad Data Marks, and Forced CRC Errors. It even finds and displays hidden directories. No other program can do all this!

SCANALYZER is an integrated software package which allows you to understand and modify programs, even complex, heavily protected ones. SCANALYZERS sophisticated modules work together, allowing you to get the most from your software.

THE MODULES

1. **BASIC LISTER** — Converts protected BASIC programs into listable, modifiable BASIC.
2. **DIRECTORY FINDER** — Finds and displays hidden disk directories and allows you to copy files to a disk with a normal directory.
3. **CARTRIDGE READER** — Reads any 4K, 8K, or 16K cartridge and saves its data to binary load disk file, which can be used with the IMPERSONATOR cartridge, or modified with other SCANALYZER modules.
4. **DISK SCANNER** — Finds and identifies all popular disk protection techniques, including Forced CRC Errors and Duplicate Sectors. It displays the contents of any disk or file, for examination or modification. SCANALYZER also shows detailed directory and VIOC information, allows tracing of sector links, and other functions.
5. **DATA ANALYZER** — Converts 6502 machine language into readable Assembly language compatible with Atari Assembler/Editor. Analyzes binary load files (like those created with the CARTRIDGE READER), boot sectors, arbitrary sectors, or code in memory.
6. **DISK BACK-UP** — A fast action copier which provides you with two methods to create standard unreadable sectors.
7. **INTRODUCTION DISPLAY** — For those who like fancy intro screens, but don't like to sit through them every time the disk is booted.

IMPERSONATOR

Now you can make normally running back-up copies of all your 4K, 8K, and 16K cartridges. The special software allows you to save data from a cartridge to an ordinary disk file, which runs exactly like the original cartridge when it's used with the IMPERSONATOR cartridge. The IMPERSONATOR cartridge plugs directly into the cartridge slot on your 800, XL, or XE computer.

IMPERSONATOR
Hardware & Software ... **\$29.95**

Your Atari Comes Alive

Connect your Atari to "real world" devices. Now, for the first time ever, you can inexpensively connect your Atari to a wide range of external sensors and devices that you can build. This "How To" book and disk package details the construction, usage, and programming for these devices, and more:

Light Pen	Light and Motor Controls
Alarm Systems	Light and Motion Sensors
Networks	Data Encoders and Decoders
Infrared Sensors	Tone Decoders

The commercial versions of these devices sell for hundreds of dollars, but this book will show you how to build your own for just a fraction of the cost.

Your Atari Comes Alive gives a thorough overview of the electronics and programming required, as well as detailed schematics and assembly instructions. The disk contains over 120 Listable BASIC and Assembly language programs to communicate with your creations.

Build useful and exciting devices while saving money!

Your Atari Comes Alive
Book & Disk **\$24.95**

Supports
Enhanced
Density

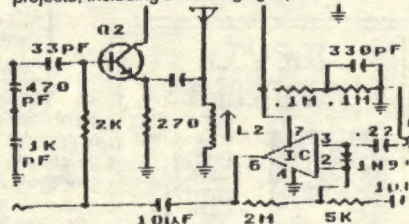
SCANALYZER ONLY

\$29.95

SCHEMATIC DESIGNER

SCHEMATIC DESIGNER helps you create the electronic gadgets of your dreams. It features 28 built-in symbols, ready for you to use at the press of a button, all in high resolution graphics. Need a title? Use the write mode to write any letter, symbol, control character, micro, or ohm symbol to the screen. Use the built in DOS to save your drawing for later use. Rename, delete, lock, and unlock with the directory continuously displayed on the screen and your schematic tucked safely away. The full size Help screens make everything easy. Now your schematics done, but you need to take it to your basement workshop. Print in on paper. SCHEMATIC DESIGNERS built in printer utility prints the schematics on EPSON and NEC compatible printers. Or, you can load the schematic into your own printer utility program (like Magniprint II+).

Just imagine for a moment, no more sharpening pencils, eraser marks or smears, all gone every last one. SCHEMATIC DESIGNER includes sample schematics which can be used to build many projects, including a working light pen.



SCHEMATIC DESIGNER

\$24.95

For 8-bit Ataris

COMPUTEREYES



COMPUTEREYES lets you take any form of video input and save it as a high resolution graphics screen. You can use a video camera, VCR, video disk, other computers, etc. Now you can capture your picture, your friends, or any video image and display it on your 8-bit Atari computer. COM-PUTEREYES is an innovative slow scan device that connects any standard video source and your 8-bit Atari computer. It plugs directly into the joystick port.

- Do a complete Hi-Res scan in under 6 seconds.
- Unique multi-scan mode provides realistic grey scale images in 24 seconds, and up for more detailed scans.
- Plugs into your Atari joystick ports, and uses a standard video plug.
- Machine language image capture routines.
- Menu-driven programs.
- Image save/retrieve from disk routines.
- Tutorial for first-time users.

COMPUTEREYES & MAGNIPRINT II+ PACKAGE

Now anyone can create spectacular graphic effects. When ComputerEyes is combined with Magniprint II+, you get unique capabilities no other system can offer.

- Print your digitized pictures in different sizes, including posters 6' across.
- Print pictures with full shading, for a level of realism better than your TV screen.
- Modify your ComputerEyes images with a drawing program, or Magniprints touch-up feature.
- Add custom text to your image.

Graphics Transformer
\$22.95

USE YOUR
COMPUTEREYES
PICTURE
WITH
PRINT
SHOP



Magniprint II+ produces the best quality picture your printer can deliver. [It's] best features are it's excellent GTIA 16 shade printouts and the remarkable (yet easy) gigantic, multi-page posters. - ANTIC MAGAZINE

Magniprint II is a versatile and powerful program which will meet most, if not all your printout needs. The price is hard to beat, its power obvious, its features many. - ANALOG MAGAZINE

MAGNIPRINT II+

The plus is in the shading — now Magniprint lets you print the highest quality reproductions of your screens available anywhere. It lets you choose the shading you want for different colors and shades on the screen. It allows you to adjust the shades while your picture is displayed on the screen, so what you see is what you get. Magniprint prints the shades on your standard printer and paper by using specially designed dot patterns, yielding better looking output than you get on your screen.

This new feature is perfect for printing pictures from Koala Pad, Touch Tablet, Micro Illustrator, and others. It will amaze you when you print pictures from ComputerEyes or Strip Poker.

Magniprint II+ is the most powerful print utility available for your computer. It is the only software that can accurately print GTIA modes with 16 shades.

WITH MAGNIPRINT II+, YOU CAN:

- Print all graphics modes
- Blow up your pictures to wall sized posters
- Center the picture on the page
- Print in normal shades or inverse (like a photographic negative)
- Shrink pictures down to 1/8 page
- Choose up to 19 different sizes
- Use Star, NEC, Citich, Epson, Gemini, Panasonic, or Atari XMM801 or compatible printers (850 interface or equivalent required)
- Do amazing graphics with your standard printer and paper
- Add text to your pictures, in multiple fonts and sizes
- Change graphics modes for special effects
- ZOOM feature lets you print the whole screen or just the part you want
- Prints GTIA modes 9, 10, 11 with 16 shades
- A special quick print feature lets you have a quick preview of the picture
- HELP screens for easy use
- Posters are printed along continuous sheets of paper which are attached together when done
- Touch-Up mode lets you change pictures with a joystick.

MAGNIPRINT II+ \$24.95

FREE: With Magniprint — PRINTALL. Allows you to print your programs or files exactly as they appear on the screen. Clearly prints all graphics symbols, control, and inverse characters.

COMPUTEREYES & MAGNIPRINT II+ \$119.95
Includes ComputerEyes and Magniprint II+.

COMPUTEREYES CAMERA SYSTEM \$329.95
Includes ComputerEyes, B/W video camera, Magniprint II+, & 10' cable.

COMPUTEREYES GRAPHICS 9 CAPTURE SOFTWARE . . . \$12.00
Add a new dimension to your ComputerEyes, capture pictures in graphics 9 in 16 shades.

Tired of being restricted to a single graphics program and its limited capabilities? Free yourself! Graphics Transformer lets you use almost any graphic with almost any graphics program. For example you can use a digitized picture in a Print Shop greeting card, or a Typesetter icon in your Koala Pad art work. And Graphics Transformer doesn't stop there. With it, you can

- Combine and merge pictures from different programs
- Shrink or enlarge pictures to fit your needs
- Use pictures from almost any graphics drawing program, including Koala Pad, Touch Tablet, Computer Eyes, Print Shop, Magniprint II+, Graphics Master, Strip Poker, Atari graphics Light Pen, and others, even pictures drawn with BASIC programs.

1-216-5555 12/2

ASK
FOR
Helen

MAIL ORDER TODAY:

24-HOUR ORDER HOTLINE

(216) 374-7469 467 5665

ENCLOSE CHECK OR MONEY ORDER PAYABLE TO ALPHA SYSTEMS.
ALLOW 14 DAYS FOR PERSONAL CHECKS. WE ACCEPT VISA &
MASTERCARD. 1st CLASS & UPS MAIL

SHIP TO:

NAME _____
COMPANY NAME _____
ADDRESS _____
CITY _____ STATE _____
ZIP _____ PHONE _____
CARD # _____ EXP. _____

ITEMS ORDERED:	QTY.	TOTAL

SUBTOTAL:

OHIO RESIDENTS: ADD 5½% SALES TAX:
U.S. & CANADA \$3.00 SHIPPING & HANDLING:
OVERSEAS & FOREIGN \$8.00 AIR MAIL:
TOTAL: _____

*** Atari 8-Bit Products ***

Atari Software Protection Techniques Vol I & Disk	\$ 24.95
Advanced Atari Protection Techniques Vol II & Disk	24.95
Atari Vol I & Vol II & both disks	39.95
Atari II+	24.95
Atari II+ & Magniprint II+	119.95
Atari II+ Computer Eyes Camera System	329.95
Atari II+ Computer Eyes Graphics 9 Capture Software	12.00
Atari II+ Graphics Transformer	22.95
Atari II	59.95
Atari II Demo disk	5.00
Atari II Pre-Recorded Sounds	4.95
Atari II+ Rocker	24.95
Atari II+ Analyzer	29.95
Atari II+ Personalator	29.95
Atari II+ Hipmunk	34.95
Atari II+ Pack	99.95
Atari II+ Heat	24.95
Atari II+ ASIC Turbocharger	24.95
Atari II+ ASIC Turbocharger & Source Codes (3 disks)	34.95
Atari II+ Our Atari Comes Alive	24.95
Atari II+ Schematic Designer	24.95

*** Atari ST Products ***

Atari II+ Switch/Back	\$ 69.95
Atari II+ Igsound ST	89.95
Atari II+ Igsound Professional	149.95
Atari II+ Eat Box	29.95
Atari II+ IgiPlayer	49.95
Atari II+ IgiPrint ST	39.95
Atari II+ IgiSpec	39.95
Atari II+ IgiColor Computer Eyes	199.95
Atari II+ IgiColor Computer Eyes & Powerprint ST	219.95
Atari II+ T Protection Techniques Book & Disk	39.95
Atari II+ IgiDisk/Polydisk/Ultradisk	Call

FREE with your order of 3 or more items:
Atari Pack 1000 Utilities (8-bit) or Space Games (8-bit)
4 Hour Order Line (216) 374-7469
Customer Service 8-3 EST. M-F (216) 467-5665



1012 SKYLAND DR.
MACEDONIA, OHIO 44056

BULK RATE
U.S. POSTAGE
PAID
PERMIT #26
STOW, OHIO



1012 SKYLAND DR.
MACEDONIA, OHIO 44056

